

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 3930.3US (99-0051.03/US)		Application Number Not yet assigned	
Applicant Akram t al.				Filing Date August 26, 2003		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,810,868	03/1989	Drexler			
	5,012,187	04/1991	Littlebury			
	5,173,220	12/1992	Reiff et al.			
	5,264,061	11/1993	Juskey et al.			
	5,278,442	01/1994	Prinz et al.			
	5,282,312	02/1994	DiStefano et al.			
	5,484,314	01/1996	Farnworth			
	5,500,605	03/1996	Chang			
	5,625,298	04/1997	Hirano et al.			
	5,634,267	06/1997	Farnworth et al.			
	5,659,952	08/1997	Kovac et al.			
	5,705,117	01/1998	O'Connor et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED 9/26/05
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				Applicant Akram et al.			
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,736,279	04/1998	Mott et al.			
	5,802,699	09/1998	Fjelstad et al.			
	5,915,977	06/1999	Hembree et al.			
	6,002,266	12/1999	Briggs et al.			
	6,016,060	01/2000	Akram et al.			
	6,018,249	01/2000	Akram et al.			
	6,114,090	09/2000	Wu et al.			
	6,205,660	03/2001	Fjelstad et al.			
	6,242,932 B1	06/2001	Hembree			
	6,297,654	10/2001	Barabi			
	US 2001/0035597	11/2001	Grigg et al.			
	✓	US 2001/0051395	12/2001	Grigg et al.		

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

1

Complete if Known

Application Number

10/648,163

Filing Date

August 26, 2003

First Named Inventor

Akram et al.

Group Art Unit

3729

Examiner Name

Unknown

Attorney Docket Number

2269-3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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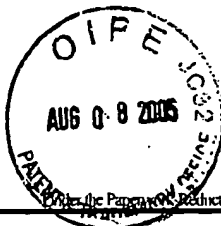
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Sheet

1

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1

Complete if Known

Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	M. Trinh
Attorney Docket Number	2269-3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,290,193	03/01/1994	Goff et al.	
		US- 5,646,447	07/08/1997	Ramsey et al.	
		US- 5,807,104	09/15/1998	Ikeya et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1
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Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	2269-3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	2269-3930 31JS (99-0051 03/1JS)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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mt		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
↓		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
↓		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page	

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Sheet	1	of	3
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Examiner Name	Unknown
Attorney Docket Number	3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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2

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First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	3930 31US (99-0051 03/US)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Mf		U.S. Patent Application Publication No. 2002/0102829 A1 to Williams, dated August 1, 2002	
		U.S. Patent Application Publication No. 2002/0111003 A1 to Williams, dated August 15, 2002	
		U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
		U.S. Patent Application Publication No. 2003/0045047 A1 to Williams, dated March 6, 2003	
		U.S. Patent Application Publication No. 2003/0068840 A1 to Grigg, dated April 10, 2003	
		U.S. Patent Application Publication No. 2003/0098470 A1 to Williams, dated May 29, 2003	
		U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003	
		U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003	
		U.S. Patent Application Publication No. 2003/0180974 A1 to Akram, dated September 25, 2003	
		U.S. Patent Application Publication No. 2003/0181003 A1 to Akram, dated September 25, 2003	
✓		U.S. Patent Application Publication No. 2003/0186496 A1 to Akram, dated October 2, 2003	

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Examiner Name	Unknown
Attorney Docket Number	3930 311S (99-0051 03/11S)

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		MILLER et al., "Maskless-Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
		Webpage, Objet Prototyping the Future, Objet FullCure 700 Series, 1 page	
mt		Webpage, Objet Prototyping the Future, How it Works, 2 pages	
↓		U.S. Application No. 09/511,986, filed February 24, 2000, "Stereolithographically Fabricated Conductive Elements, Semiconductor Device Components and Assemblies Including Such Conductive Elements, and Methods", inventor Vernon M. Williams	
↓		U.S. Application No. 10/619,963, filed July 15, 2003, "Stereolithographic Methods for Securing Conductive Elements to Contacts of Semiconductor Device Components", inventor Vernon M. Williams	
✓		U.S. Application No. 10/641,471, filed August 14, 2003, "Protective Structures for Bond Wires", inventor Salman Akram	

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